

Programming Assignment 1: It's Elemental

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Assignment Description

You've decided that Chemistry is an awesome field to explore. Since we recently celebrated the 150th anniversary of Mendeleev's periodic table of the elements, you decide to go look at the (current) periodic table of the elements. You're so excited by the beauty and elegance of that arrangement that you decide to print out the symbols for the first 10 elements in the periodic table of the elements.

PERIODIC TABLE OF ELEMENTS

Getting Started - Clone your repository

- Click the appropriate link and accept the assignment to create your repository for submitting your work:
 - Gallant AM: <https://classroom.github.com/a/Q7r7pn-W>
 - Gallant PM: <https://classroom.github.com/a/qmilBktg>
 - Nunn AM: <https://classroom.github.com/a/mRlxKmJx>
 - Nunn PM: <https://classroom.github.com/a/lZPuBBYc>
 - Wijaya AM: https://classroom.github.com/a/j4rGkU_K
 - Wijaya PM: <https://classroom.github.com/a/MzdtQYRc>
- In GitHub Desktop, clone the repository to your desktop.

3. Open the **ProgrammingAssignment1.sln** file in Visual Studio.

Requirements

Your solution must do the following:

4. Print the symbol for each of the first 10 elements of the periodic table, with each symbol appearing on its own line in the output. Refer to the image of the periodic table above.
5. Do NOT print anything else in your output; if you do, you'll confuse the automated grader and you'll get a bad grade!

In case you're having a hard time understanding what your output should look like, here are the first 3 lines of required output (you'll have 10 lines of output):

```
H
He
Li
```

Submit Your Work

6. Make a final test of your code and copy the output from the terminal window.
7. If you need to make any additional changes to your code, make sure you commit them.
8. By committing and pushing your updates to GitHub you have submitted your assignment on GitHub Classroom.
9. Return to CodeHS. Paste your output into the code window to complete the assignment.

Running Your Code

Because of the code I included to work with the automated grader, when you run your program the command prompt window will open and it will sit there doing nothing. To make your code run, type 1 and press the <Enter> key; your code should then run so you can check your output.

You can actually run your code again if you want to by typing 1 and pressing the <Enter> key again. When you're ready to stop running your code, type q (for quit).